

Connie A. Meacham

Education

- B.A., Grinnell College, Grinnell, IA; Biology/Chemistry, 1975.
- M.S., University of Alabama, Huntsville, AL; Cell Biology, 1996.

Professional Experience

- 1979-1982: Chemist and Shift Supervisor. Quality Assurance/Quality Control Laboratory. Kraft Foods, Champaign, IL
- 1982-1986: Research Specialist, University of Wisconsin-Madison, Departments of Dairy Science and Agronomy, Madison, WI.
- 1987-1990: Adjunct Science Faculty, Biology, Chemistry, General Science, Howard Community College, Columbia, MD
- 1992-1994: Laboratory Teaching Assistant, Anatomy and Physiology, University of Alabama, Huntsville, AL
- 1995-1996: Research Assistant, Endocrine and Reproductive Research, Alabama A&M University, Huntsville, AL
- 1997-Present: Biologist, EPA.
- 2006-Present: Acting Quality Assurance Manager, RTD, EPA.

Awards and Honors

- EPA, Honorable Mention, STAA, 2007
- EPA, Honorable Mention, NHEERL Teamwork Award, 2003.

Professional Societies

- Society of Toxicology
- Phi Kappa Phi
- Sigma Xi
- Society of Quality Assurance

Selected Publications

Watkins JA, Meacham CA, Crofton KM, Shafer TJ. 2007. Concentration-dependent accumulation of [(3)h]-deltamethrin in sodium channel na(v)1.2/-beta(1) expressing *xenopus laevis* oocytes. *Toxicol In vitro*. 21:1672-7. [Abstract](#)

Meacham CA, Freudenrich TM, Anderson WL, Sui L, Lyons-Darden T, Barone S, Gilbert ME, Mundy WR, Shafer TJ. 2005. Accumulation of methylmercury or

polychlorinated biphenyls in *in vitro* models of rat neuronal tissue. *Toxicol Appl Pharmacol.* 205:177-87. [Abstract](#)

Bale AS, Meacham CA, Benignus VA, Bushnell PJ, Shafer TJ. 2005. Volatile organic compounds inhibit human and rat neuronal nicotinic acetylcholine receptors expressed in xenopus oocytes. *Toxicol Appl Pharmacol.* 205:77-88. [Abstract](#)

Harrill JA, Meacham CA, Shafer TJ, Hughes MF, Crofton KM. 2005. Time and concentration dependent accumulation of [3h]-deltamethrin in xenopus laevis oocytes. *Toxicol Lett.* 157:79-88. [Abstract](#)

Meacham CA, Johnson AD. 2003. An embryonic chick pancreas organ culture model: Characterization and neural control of exocrine release. *Auton Neurosci.* 105:118-30. [Abstract](#)

Meacham CA, White LD, Barone S, Shafer TJ. 2003. Ontogeny of voltage-sensitive calcium channel alpha(1a) and alpha(1e) subunit expression and synaptic function in rat central nervous system. *Brain Res Dev Brain Res.* 142:47-65. [Abstract](#)

Inglefield JR, Mundy WR, Meacham CA, Shafer TJ. 2002. Identification of calcium-dependent and -independent signaling pathways involved in polychlorinated biphenyl-induced cyclic amp-responsive element-binding protein phosphorylation in developing cortical neurons. *Neuroscience.* 115:559-73. [Abstract](#)

Shafer TJ, Meacham CA, Barone S. 2002. Effects of prolonged exposure to nanomolar concentrations of methylmercury on voltage-sensitive sodium and calcium currents in PC12 cells. *Brain Res Dev Brain Res.* 136:151-64. [Abstract](#)